## SEQUENCE LISTING

<110> Viaxxel Biotech GmbH

<120> Compounds that affect CD83 expression, pharmaceutical compositions comprising said compounds and methods for identifying said compounds

<130> 84201

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<160> 27

<170> PatentIn Ver. 2.1

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<212> DNA

<213> Homo sapiens

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Ala Pro Ala Thr Pro Glu Val Lys Val Ala Cys Ser Glu Asp Val Asp
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<213> Homo sapiens

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Trp Val Lys Leu Glu Gly Gly Glu Glu Arg Met Glu Thr Pro Gln
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Glu Asp His Leu Arg Gly Gln His Tyr His Gln Lys Gly Gln Asn Gly
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Ser Phe Asp Ala Pro Asn Glu Arg Pro Tyr Ser Leu Lys Ile Arg Asn 85 90 95

Thr Thr Ser Cys Asn Ser Gly Thr Tyr Arg Cys Thr Leu Gln Asp Pro 100 105 110

Asp Gly Gln Arg Asn Leu Ser Gly Lys Val Ile Leu Arg Val Thr Gly
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Cys Pro Ala Gln Arg Lys Glu Glu Thr Phe Lys Lys Tyr Arg Ala Glu

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Ile Val Leu Leu Leu Ala Leu Val Ile Phe Tyr Leu Thr Leu Ile Ile
145 150 155 160

Phe Thr Cys Lys Phe Ala Arg Leu Gln Ser Ile Phe Pro Asp Phe Ser

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Val Ser Trp Ala Lys Val Ser Glu Ser Gly Thr Glu Ser Val Glu Leu
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Pro Glu Ser Lys Gln Asn Ser Ser Phe Glu Ala Pro Arg Arg Ala 65 70 75 80

Tyr Ser Leu Thr Ile Gln Asn Thr Thr Ile Cys Ser Ser Gly Thr Tyr

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Arg Cys Ala Leu Gln Glu Leu Gly Gly Gln Arg Asn Leu Ser Gly Thr
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Phe Tyr Leu Thr Leu Ile Ile Phe Thr Cys Lys Phe Ala Arg Leu Gln 145

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981

290 295 300

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Ala Lys Leu Ile Arg Asp Lys Val Ala Gly His Ser Leu Gly Tyr Gly
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Phe Val Asn Tyr Val Thr Ala Lys Asp Ala Glu Arg Ala Ile Asn Thr 65 70 75 80

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Arg Pro Ser Ser Glu Val Ile Lys Asp Ala Asn Leu Tyr Ile Ser Gly
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Gly	Pro	Thr	Thr	Ile	Asn	Asn	Asn	Cys	Ser	Ser	Pro	Val	Asp	Ser	Gly	
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gga	tat	ggc	ttt	gtg	aac	tac	att	gac	ccc	aag	gat	gca	gag	aaa	gct	288
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Ser	Tyr	Ala	Arg	Pro	Ser	Ser	Ala	Ser	Ile	Arg	Asp	Ala	Asn	Leu	Tyr	
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Lys	Thr	Asn	Gln	Ala	Ile	Leu	Ser	Gln	Leu	Tyr	Gln	Ser	Pro	Asn	Arg	
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260 265 270

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Gly	Thr	${\tt Gl}_{Y}$	Trp	Суѕ	Ile	Phe	Val	Tyr	Asn	Leu	Ala	Pro	Asp	Ala	Asp	
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Leu	Asn	Gly	Tyr	Arg	Leu	Gly	Asp	Arg	Val	Leu	Gln	Val	Ser	Phe	Lys	
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Gly Pro Thr Thr Ile Asn Asn Cys Ser Ser Pro Val Asp Ser Gly

Asn Thr Glu Asp Ser Lys Thr Asn Leu Ile Val Asn Tyr Leu Pro Gln Asn Met Thr Gln Glu Glu Leu Lys Ser Leu Phe Gly Ser Ile Gly Glu Ile Glu Ser Cys Lys Leu Val Arg Asp Lys Ile Thr Gly Gln Ser Leu Gly Tyr Gly Phe Val Asn Tyr Ile Asp Pro Lys Asp Ala Glu Lys Ala Ile Asn Thr Leu Asn Gly Leu Arg Leu Gln Thr Lys Thr Ile Lys Val Ser Tyr Ala Arg Pro Ser Ser Ala Ser Ile Arg Asp Ala Asn Leu Tyr Val Ser Gly Leu Pro Lys Thr Met Thr Gln Lys Glu Leu Glu Gln Leu Phe Ser Gln Tyr Gly Arg Ile Ile Thr Ser Arg Ile Leu Val Asp Gln Val Thr Gly Ile Ser Arg Gly Val Gly Phe Ile Arg Phe Asp Lys Arg Ile Glu Ala Glu Glu Ala Ile Lys Gly Leu Asn Gly Gln Lys Pro Pro Gly Ala Thr Glu Pro Ile Thr Val Lys Phe Ala Asn Asn Pro Ser Gln Lys Thr Asn Gln Ala Ile Leu Ser Gln Leu Tyr Gln Ser Pro Asn Arg 

Arg Tyr Pro Gly Pro Leu Ala Gln Gln Ala Gln Arg Phe Arg Leu Asp

معال الرائد والرقيبية أأناهم هيان والروام مستول والبيوان

Asn Leu Leu Asn Met Ala Tyr Gly Val Lys Arg Phe Ser Pro Met Thr

Ile Asp Gly Met Thr Ser Leu Ala Gly Ile Asn Ile Pro Gly His Pro
260 265 270

Gly Thr Gly Trp Cys Ile Phe Val Tyr Asn Leu Ala Pro Asp Ala Asp 275 280 285

Glu Ser Ile Leu Trp Gln Met Phe Gly Pro Phe Gly Ala Val Thr Asn 290 295 300

Val Lys Val Ile Arg Asp Phe Asn Thr Asn Lys Cys Lys Gly Phe Gly 305 310 315 320

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Pro	Ala	Gly	Pro	Ala	Leu	Pro	Asn	Gly	Pro	Leu	Leu	Gly	Thr	Asn	Gly	
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gco	act	gac	gac	agc	aag	acc	aac	ctc	atc	gtc	aac	tac	ctg	ccc	cag	144
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Ası	Met	Thr	Gln	Asp	Glu	Phe	Lys	Ser	Leu	Phe	Gly	Ser	Ile	Gly	Asp	
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Gl	Tyr	Gly	Phe	Val	Asn	Tyr	Pro	Asp	Pro	Asn	Asp	Ala	Asp	Lys	Ala	
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a figure of the many than a comment of the second of the s

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	-	275	-	-			280	•				285			-	
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Asn Met Thr Gln Asp Glu Phe Lys Ser Leu Phe Gly Ser Ile Gly Asp

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Gly	Tyr	Gly	Phe	Val	Asn	Tyr	Pro	Asp	Pro	Asn	Asp	Ala	Asp	Lys	Ala
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			100					105					110		
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Phe	Ser	Gln	Tyr	Gly	Arg	Ile	Ile	Thr	Ser	Arg	Ile	Leu	Val	Asp	Gln
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			180					185					190		
Glv	Δla	Δla	Glu	Pro	Tle	Thr	Val	Tave	Dhe	Δla	Δen	Asn	Pro	Ser	Gln
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Arg	Tyr	Ala	Gly	Pro	Leu	His	His	Gln	Thr	Gln	Arg	Phe	Arg	Leu	Asp
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Val Lys Val Ile Arg Asp Phe Thr Thr Asn Lys Cys Lys Gly Phe Gly 305 310 315 320

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гуѕ	ire	THE	GIŽ		ser	пеа	GIY	ıyı	90	FIIC	vai	ADII	* y =	95	1101	
				85					90					,,,		
									24	++>	22+	~~3	ata	272	ctc	336
														aga		330
Pro	Lys	Asp		G1u	ьys	Ala	iie		THY	ьeu	ASII	GIY		Arg	пеп	
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Glr	Lys	Glu	ı Leı	ı Glu	ı Glr	Lev	Ph∈	e Ser	Glr			Arc	; Il∈	e Ile	Thr	
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Lys	Arg	Let	Met	Ser	Gly	Pro	Val	Pro	Pro	Ser	Ala	. Cys	Ser	Pro	Arg	
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Phe	e Ser	Pro	o Ile	e Thr	: Ile	Asp	Gly	Met	Thr	Ser	Leu	ı Val	. Gl	Met	Asn	
		279	5				280	)				285	5			
ato	c cct	ggt	t cad	c aca	a gga	act	ggg	tgg	tgc	ato	c ttt	gto	tac	c aac	c ctg	912
Ile	e Pro	Gl	y Hi	s Thi	r Gly	7 Thi	Gly	r Trg	Суя	s Ile	e Phe	e Val	L Ty	c Ası	ı Leu	
	290	)				295	5				300	)				
tc	c cc	ga :	t tc	c gat	t gag	g agt	t gto	cto	tgg	g ca	g cto	c tti	99	2 20	c ttt	960

Ser Pro Asp Ser Asp Glu Ser Val Leu Trp Gln Leu Phe Gly Pro Phe

gga gca gtg aac aac gta aag gtg att cgt gac ttc aac acc aac aag Gly Ala Val Asn Asn Val Lys Val Ile Arg Asp Phe Asn Thr Asn Lys tgc aag gga ttc ggc ttt gtc acc atg acc aac tat gat gag gcg gcc Cys Lys Gly Phe Gly Phe Val Thr Met Thr Asn Tyr Asp Glu Ala Ala atg gcc atc gcc agc ctc aac ggg tac cgc ctg gga gac aga gtg ttg Met Ala Ile Ala Ser Leu Asn Gly Tyr Arg Leu Gly Asp Arg Val Leu caa gtt tcc ttt aaa acc aac aaa gcc cac aag tcc Gln Val Ser Phe Lys Thr Asn Lys Ala His Lys Ser <210> 27 <211> 380 <212> PRT <213> Homo sapiens <400> 27 Met Val Met Ile Ile Ser Thr Met Glu Pro Gln Val Ser Asn Gly Pro Thr Ser Asn Thr Ser Asn Gly Pro Ser Ser Asn Asn Arg Asn Cys Pro Ser Pro Met Gln Thr Gly Ala Thr Thr Asp Asp Ser Lys Thr Asn Leu 

Ile Val Asn Tyr Leu Pro Gln Asn Met Thr Gln Glu Glu Phe Arg Ser 

Leu 65	Phe	Gly	Ser	Ile	Gly 70	Glu	Ile	Glu	Ser	Cys 75	Lys	Leu	Val	Arg	Asp 80
Lys	Ile	Thr	Gly	Gln 85	Ser	Leu	Gly	Tyr	Gly 90	Phe	Val	Asn	Tyr	Ile 95	Asp
Pro	Lys	Asp	Ala	Glu	Lys	Ala	Ile	Asn 105	Thr	Leu	Asn	Gly	Leu 110	Arg	Leu
Gln	Thr	Lys 115		Ile	Lys	Val	Ser	Tyr	Ala	Arg	Pro	Ser 125	Ser	Ala	Ser
Ile	Arg		Ala	Asn	Leu	Tyr 135	Val	Ser	Gly	Leu	Pro	Lys	Thr	Met	Thr
Gln 145		Glu	. Leu	Glu	Gln 150		Phe	Ser	Gln	. Tyr 155		Arg	Ile	Ile	Thr 160
Ser	Arg	; Il∈	e Leu	Val		Gln	. Val	Thr	Gly		Ser	Arg	Gly	Val	Gly
Phe	: Il€	e Arg	9 Phe		Lys	arg	, Ile	e Glu 185		a Glu	ı Glu	. Ala	Ile		Gly
Let	ı Ası	n Gly 199		ı Lys	s Pro	Sei	Gl <sub>y</sub>		a Thi	c Glu	ı Pro	205		· Val	. Lys
Phe	e Ala		n Ası	n Pro	o Sei	r Gli 21		s Se:	r Se:	r Gli	n Ala 220		ı Lev	ı Sei	r Gln
Le <sup>1</sup>		r Gl	n Se	r Pr	o As: 23		g Arg	g Ty:	r Pr	o Gl <sub>j</sub> 23		o Lei	ı His	s His	3 Gln 240

Lys Arg Leu Met Ser Gly Pro Val Pro Pro Ser Ala Cys Ser Pro Arg

Ala Gln Arg Phe Arg Leu Asp Asn Leu Leu Asn Met Ala Tyr Gly Val

260	265	270

Phe Ser Pro Ile Thr Ile Asp Gly Met Thr Ser Leu Val Gly Met Asn 275 280 285

Ile Pro Gly His Thr Gly Thr Gly Trp Cys Ile Phe Val Tyr Asn Leu 290 295 300

Ser Pro Asp Ser Asp Glu Ser Val Leu Trp Gln Leu Phe Gly Pro Phe 305 310 315 320

Gly Ala Val Asn Asn Val Lys Val Ile Arg Asp Phe Asn Thr Asn Lys 325 330 335

Cys Lys Gly Phe Gly Phe Val Thr Met Thr Asn Tyr Asp Glu Ala Ala 340 345 350

Met Ala Ile Ala Ser Leu Asn Gly Tyr Arg Leu Gly Asp Arg Val Leu 355 360 365

Gln Val Ser Phe Lys Thr Asn Lys Ala His Lys Ser 370 375 380